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ABSTRACT

In January 1990, a follow-up study was conducted of students who completed or largely completed a career program at Johnson County Community College (JCCC) to determine their educational and employment status and the relationship of their job to their program of study. Telephone interviews were conducted with 215 of 523 former students who had either earned a degree or certificate or left the program with marketable skills. Another 114 former students responded to a mailed questionnaire, bringing the total response rate to 66.1%. Study findings included the following: (1) 87.8% of the respondents had achieved their original educational objective at JCCC; (2) 79.2% were employed in jobs related to their JCCC course of study, and, of these, 88.1% were working full-time; (3) 84.2% of the respondents who were employed in a job related to their JCCC program rated the job as "excellent" or "good"; (4) the average wage reported by program completers employed full-time in a job related to their JCCC career program was $10.36 per hour; and (5) 21.6% of the respondents were pursuing additional education at the time of the survey. Subsequent to the former student survey, another survey was conducted of 200 employers identified by respondents working in jobs related to their JCCC program. Employers were asked to rate the former students' conceptual and technical knowledge, work attitudes, quality of work, communication and interpersonal skills, and overall job preparation, and to provide projections concerning anticipated job openings and wages in the field. Over 90% of the 157 responding employers rated the program completers' job preparation as good or over good, and most gave positive evaluations of other aspects of job performance. Appendixes provide the two survey instruments and cover letters. (JMC)

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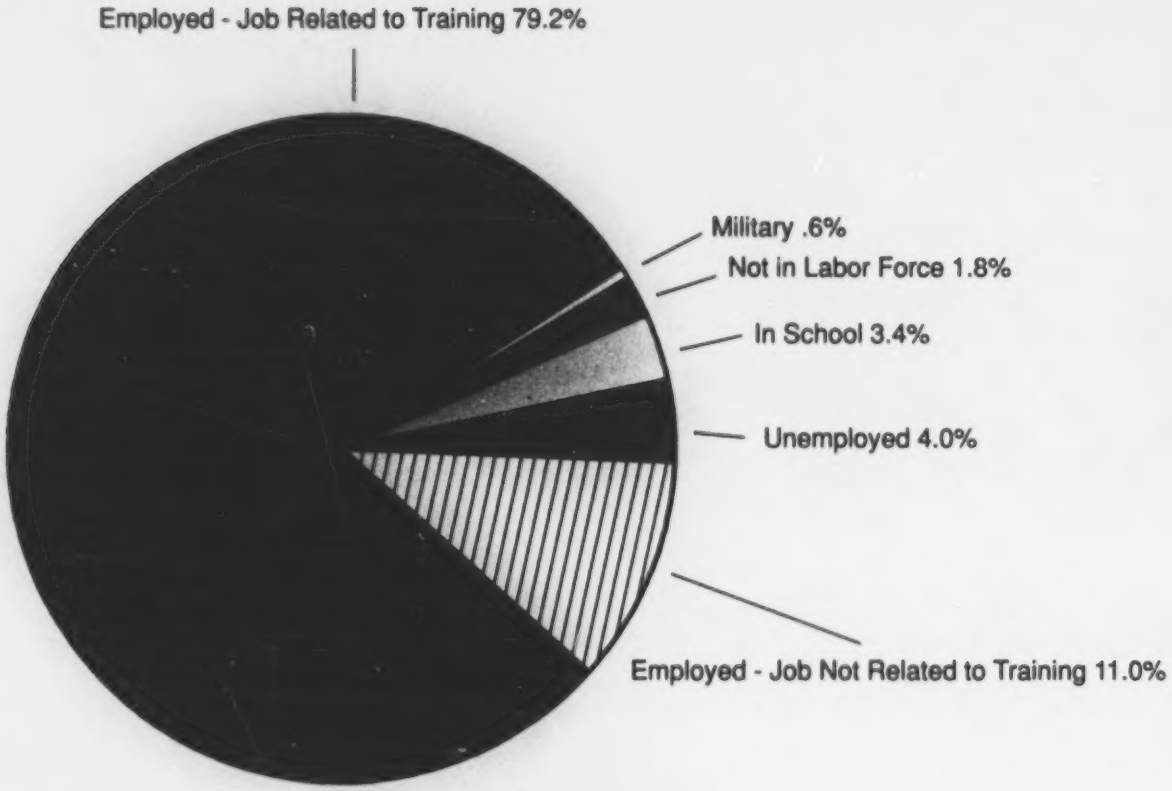
Career Student Follow-Up: Class of 1988-89


Employed - Job Related to Training 79.2%
Military .6%
Not in Labor Force 1.8%
In School 3.4%
Unemployed 4.0%
Employed - Job Not Related to Training 11.0%

JC 910069

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August 1990

CAREER STUDENT FOLLOW-UP:
CLASS OF 1988-89

Each January the Office of Institutional Research at Johnson County Community College conducts a follow-up study of students who completed a JCCC career program during the previous academic year and their current employers. Results of these studies provide valuable insights into the effectiveness of career programs and assist the College in planning to meet the individual needs of future students and the employment needs of business and industry.

The list of 1988-89 career program completers was developed by combining students earning degrees and certificates with those leaving the program with marketable skills as identified by career program administrators in a program verification process conducted during the fall 1988 and spring 1989 semesters.

The original list contained 592 names. Telephone surveying resulted in the elimination of 50 students who had not completed a JCCC career program and 19 who were incarcerated at Fort Leavenworth, reducing the list of potential respondents to 523 names. Of those, 215 interviews were completed by telephone.

Nonrespondents were then mailed a survey and cover letter. A total of 25 of these surveys were returned by the post office as undeliverable, reducing the list of potential respondents to 498. The mailing resulted in an additional 114 completed surveys for an overall response rate of 66.1 percent.

Respondents working in jobs related to their JCCC course of study identified a total of 200 employers who were contacted by mail. The initial mailing and one follow-up mailing to nonrespondents resulted in 157 completed employer surveys (78.5%).

A list of tables is provided to facilitate location of specific data. Results are presented by career program as often as possible to enhance the usefulness of findings. Caution should be exercised in generalizing these data due to the relatively small number of respondents in some programs. Findings are not necessarily representative of either the number of students enrolled in each program or the salaries of all career program completers.

Comments or questions regarding this report or previous career student follow-up studies may be directed to:

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EXECUTIVE SUMMARY

Each year the Office of Institutional Research conducts a follow-up study of students leaving JCCC career programs with marketable skills during the previous year. This includes graduates, certificate recipients, and those completing sufficient courses to have either acquired new skills or substantially enhanced the skills they possessed at the time of their initial enrollment at JCCC.

Data collected from these studies provide the College with valuable insights into the experiences, perceptions and opinions of both JCCC career program completers and of their employers. Highlights of findings from the follow-up study of 1988-89 career program completers were:

* Nearly 90 percent of survey respondents had achieved their original educational objective at JCCC (87.8%). One in three respondents who indicated they had not achieved their educational objective were still pursuing it.

* Nine out of ten would recommend JCCC to friends, encourage their own children to attend JCCC, attend JCCC again if starting over, and indicated they felt JCCC had improved the quality of their life.

* Over 90 percent expressed satisfaction with the quality of instruction, course content, and facilities and equipment at JCCC. A substantial percentage of respondents expressed satisfaction with other aspects of their JCCC experiences as well.

* A substantially greater percentage of respondents expressed satisfaction with various aspects of college at JCCC than with those aspects at the four-year college or university attended, with the exception of the variety of courses offered and the availability of financial aid.

* The majority of respondents indicated JCCC had helped them to improve in a variety of cognitive and noncognitive areas, including broadening their knowledge of the arts and sciences, improving communication, time management, decision-making, and interpersonal skills, clarifying personal values, and expanding their tolerance for people and ideas.

* Nearly 80 percent were employed in jobs related to their JCCC course of study (79.2%). Of those, nearly 90 percent were working full time (88.1%). Approximately one in three had attained their current related job prior to attending JCCC (32.2%).

* Over 80 percent of respondents who were employed in a job related to their JCCC career program rated the job in general as excellent or good (84.2%). Evaluations of other aspects of their jobs were also positive.

* The average hourly wage reported by 1988-89 completers employed full time in a job related to their JCCC career program was $10.36, up from $9.90 for 1987-88 completers, $9.39 for 1986-87 completers, and $8.61 for 1985-86 completers.

* The average wage for respondents employed full time in their current related job one year or less was $9.44 per hour.

* About one in five were currently pursuing additional education (21.6%). Of those, nearly half were enrolled at JCCC (49.3%).

* Nearly half planned to enroll in classes within the next year (47.7%). Of those, about one in two planned to re-enroll at JCCC (49.0%).

* Over 90 percent of employers rated the completer's overall job preparation as very good or good (92.3%). Evaluations of other aspects of job performance were also positive.

* The majority of employers responding to the follow-up study anticipated hiring additional workers in the same career field within three to five years (52.2%). This was a substantial decrease from the 68.9 percent of employers responding to the follow-up study of 1987-88 completers who planned to hire additional workers.

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SECTION ONE

RESULTS OF FOLLOW-UP STUDY OF 1988-89 JCCC CAREER PROGRAM COMPLETERS

Table 1

DEMOGRAPHIC PROFILE

	Number of Responses	Percent
Sex		
Male	122	37.1%
Female	206	62.6
Unknown	1	.3
Age		
17 to 20 years old	15	4.6%
21 to 25	108	32.8
26 to 30	68	20.7
31 to 35	41	12.5
36 to 40	48	14.6
41 to 50	32	9.7
Over 50	10	3.0
Unknown	7	2.1
Mean = 30.5 years Median = 28.3 years		
Race		
White	311	94.5%
Black	6	1.8
Hispanic	4	1.2
Asian or Pacific	1	.3
Marital Status		
Never married	132	40.1%
Currently married	161	48.9
Previously married	32	9.7
Unknown	4	1.2
Family Income		
Under $ 20,000	76	23.1%
$20,001 to 40,000	117	35.6
40,001 to 60,000	63	19.1
60,001 to 80,000	26	7.9
80,001 to 100,000	12	3.6
Over 100,000	13	4.0
Unknown	22	6.7

Table 2

CURRENT STATUS
- BY PROGRAM -

	Number of Responses	Employed in Jop Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military /Unknown
Accounting	11	72.7%	27.3%	0.0%	0.0%	0.0%	0.0%
Administration of Justice	3	66.7	0.0	33.3	0.0	0.0	0.0
Animal Health Technology	3	66.7	33.3	0.0	0.0	0.0	0.0
Automotive Technology	2	100.0	0.0	0.0	0.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0	0.0	0.0	0.0
Biomedical Equipment	2	100.0	0.0	0.0	0.0	0.0	0.0
Business Administration	14	85.7	14.3	0.0	0.0	0.0	0.0
Chef Apprentice	2	100.0	0.0	0.0	0.0	0.0	0.0
Commercial Art	21	76.2	4.8	9.5	4.8	4.8	0.0
Computer Systems Tech.	4	75.0	0.0	0.0	25.0	0.0	0.0
Data Processing	32	68.8	15.6	9.4	6.3	0.0	0.0
Dental Hygiene	12	100.0	0.0	0.0	0.0	0.0	0.0
Drafting Technology	8	62.5	12.5	12.5	0.0	0.0	12.5
Electronics Engr. Tech.	7	85.7	14.3	0.0	0.0	0.0	0.0
Emergency Medical Tech.	28	64.3	21.4	7.1	0.0	0.0	7.2
Equine Studies	8	50.0	37.5	0.0	12.5	0.0	0.0
Fashion Merchandising	12	75.0	25.0	0.0	0.0	0.0	0.0
Fire Science	5	100.0	0.0	0.0	0.0	0.0	0.0

NOTE: Employed respondents who were also pursuing additional education appear in the appropriate employment category only.

Table 2 (Continued)

CURRENT STATUS
- BY PROGRAM -

	Number of Responses	Employed in Jop Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military /Unknown
HVAC Technology	8	87.5%	0.0%	0.0%	0.0%	0.0%	12.5%
Hospitality Management	20	75.0	0.0	0.0	25.0	0.0	0.0
Information Word Processing	4	75.0	0.0	0.0	0.0	25.0	0.0
Interior Merchandising	7	71.4	14.3	0.0	0.0	14.3	0.0
Interpreter Training	12	100.0	0.0	0.0	0.0	0.0	0.0
M.I.C.T. (Paramedic)	7	100.0	0.0	0.0	0.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0	0.0	0.0	0.0
Marketing & Management	8	75.0	12.5	0.0	0.0	12.5	0.0
Medical Records Technology	1	100.0	0.0	0.0	0.0	0.0	0.0
Nursing	24	95.8	0.0	0.0	0.0	4.2	0.0
Paralegal	40	65.0	20.0	5.0	7.5	2.5	0.0
Police Academy	13	100.0	0.0	0.0	0.0	0.0	0.0
Respiratory Therapy	5	100.0	0.0	0.0	0.0	0.0	0.0
Secretarial Careers	4	100.0	0.0	0.0	0.0	0.0	0.0
Totals: (32 programs)	329	79.2%	11.0	3.4%	4.0%	1.8%	.6%

NOTE: Employed respondents who were also pursuing additional education appear in the appropriate employment category only.

Table 3

USE OF CAREER PROGRAM SKILLS
- BY PROGRAM -

	Number of Responses	On the Job	Volunteer Work	Not Using Skills	Other/ Unknown
Accounting	11	63.6%	0.0%	27.3%	9.1%
Administration of Justice	3	33.3	0.0	33.3	33.3
Animal Health Technology	3	66.7	0.0	33.3	0.0
Automotive Technology	2	100.0	0.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0	0.0
Biomedical Equipment	2	100.0	0.0	0.0	0.0
Business Administration	14	85.7	0.0	7.1	7.1
Chef Apprentice	2	100.0	0.0	0.0	0.0
Commercial Art	21	66.7	4.8	9.5	19.0
Computer Systems Technology	4	100.0	0.0	0.0	0.0
Data Processing	32	68.8	0.0	12.5	18.8
Dental Hygiene	12	100.0	0.0	0.0	0.0
Drafting Technology	8	62.5	0.0	12.5	25.0
Electronics Engr. Technology	7	85.7	0.0	14.3	0.0
Emergency Medical Technology	28	57.1	21.4	21.4	0.0
Equine Studies	8	62.5	0.0	37.5	0.0
Fashion Merchandising	12	66.7	8.3	25.0	0.0
Fire Science	5	100.0	0.0	0.0	0.0
HVAC Technology	8	75.0	0.0	25.0	0.0
Hospitality Management	20	85.0	0.0	10.0	5.0
Information Word Processing	4	50.0	50.0	0.0	0.0
Interior Merchandising	7	57.1	14.3	14.3	14.3
Interpreter Training	12	100.0	0.0	0.0	0.0
M.I.C.T. (Paramedic)	7	100.0	0.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0	0.0
Marketing & Management	8	62.5	0.0	25.0	12.5
Medical Records Technology	1	100.0	0.0	0.0	0.0
Nursing	24	95.8	0.0	4.2	0.0
Paralegal	40	67.5	7.5	20.0	5.0
Police Academy	13	100.0	0.0	0.0	0.0
Respiratory Therapy	5	80.0	0.0	0.0	20.0
Secretarial Careers	4	100.0	0.0	0.0	0.0
Totals	329	76.6%	4.3%	12.8%	6.3%

Table 4

EMPLOYMENT PROFILE

	Number of Responses	Percent
Length of Time on Current Job		
6 months or less	92	30.9%
7 to 12 months	71	23.8
1 to 2 years	56	18.8
2 to 4 years	30	10.1
Over 4 years	44	14.8
Unknown	5	1.7
Employed Full-Time in Current Related Job Prior to JCCC		
Yes	74	32.2%
No	152	66.1
Unknown	4	1.7
First Full-Time Job in Career Field		
Yes	118	51.3%
No	110	47.8
Unknown	2	.9
Hourly Wage of Respondents Employed Full Time in Job Related to JCCC Career Program		
Under $ 5.00 per hour	5	2.2%
5.01 - 7.00	37	16.1
7.01 - 8.00	27	11.7
8.01 - 9.00	20	8.7
9.01 - 10.00	20	8.7
10.01 - 11.00	21	9.1
11.01 - 12.00	23	10.0
12.01 - 13.00	25	10.9
13.01 - 14.00	8	3.5
14.01 - 15.00	12	5.2
Over $15.00	19	8.3
Unknown	13	5.7

Average hourly wage = $10.36

Table 5

CURRENT EMPLOYMENT STATUS OF
RESPONDENTS WORKING IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Part-time	Full-time
Accounting	8	12.5%	87.5%
Administration of Justice	2	0.0	100.0
Animal Health Technology	2	0.0	100.0
Automotive Technology	2	0.0	100.0
Aviation Maintenance Technology	1	0.0	100.0
Biomedical Equipment	2	0.0	100.0
Business Administration	12	25.0	75.0
Chef Apprentice	2	0.0	100.0
Commercial Art	16	12.5	87.5
Computer Systems Technology	3	33.3	66.7
Data Processing	22	9.1	90.9
Dental Hygiene	12	16.7	83.3
Drafting Technology	5	20.0	80.0
Electronics Engr. Technology	6	0.0	100.0
Emergency Medical Technology	19	5.3	94.7
Equine Studies	4	0.0	100.0
Fashion Merchandising	9	22.2	77.8
Fire Science	5	0.0	100.0
HVAC Technology	8	0.0	100.0
Hospitality Management	15	0.0	100.0
Information Word Processing	3	33.3	66.7
Interior Merchandising	5	40.0	60.0
Interpreter Training	12	41.7	58.3
M.I.C.T. (Paramedic)	7	0.0	100.0
Manufacturing Technology	1	0.0	100.0
Marketing & Management	6	33.3	66.7
Medical Records Technology	1	0.0	100.0
Nursing	23	4.3	95.7
Paralegal	26	19.2	80.8
Police Academy	13	0.0	100.0
Respiratory Therapy	5	0.0	100.0
Secretarial Careers	4	0.0	100.0
Totals	261	11.9%	88.1%

Table 6

CURRENT RELATED JOB ATTAINED
PRIOR TO ATTENDING JCCC
- BY PROGRAM -

	Number of Responses	Yes	No
Accounting	8	12.5%	87.5%
Administration of Justice	2	100.0	0.0
Animal Health Technology	2	0.0	100.0
Automotive Technology	2	50.0	50.0
Aviation Maintenance	1	0.0	100.0
Biomedical Equipment	2	50.0	50.0
Business Administration	11	45.5	54.5
Chef Apprentice	2	50.0	50.0
Commercial Art	16	6.3	93.8
Computer Systems Technology	2	0.0	100.0
Data Processing	22	31.8	68.2
Dental Hygiene	12	0.0	100.0
Drafting Technology	5	20.0	80.0
Electronics Engr. Technology	6	16.7	83.3
Emergency Medical Technology	18	33.3	66.7
Equine Studies	4	25.0	75.0
Fashion Merchandising	9	22.2	77.8
Fire Science	5	100.0	0.0
HVAC Technology	8	50.0	50.0
Hospitality Management	15	13.3	86.7
Information Word Processing	1	100.0	0.0
Interior Merchandising	5	80.0	20.0
Interpreter Training	11	0.0	100.0
M.I.C.T. (Paramedic)	7	57.1	42.9
Manufacturing Technology	1	100.0	0.0
Marketing & Management	6	33.3	66.7
Medical Records Technology	1	0.0	100.0
Nursing	22	22.7	77.3
Paralegal	25	40.0	60.0
Police Academy	13	76.9	23.1
Respiratory Therapy	5	40.0	60.0
Secretarial Careers	4	25.0	75.0
Totals	255	32.2%	67.8%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 7

JOB-HUNTING EXPERIENCES OF FULL-TIME EMPLOYEES NOT WORKING IN CURRENT JOB PRIOR TO ATTENDING JCCC

	Number of Responses	Percent
Time Spent Actively Seeking Employment After JCCC Program Completion		
One month	81	49.4%
Two months	11	6.7
Three months	3	1.8
Four to six months	8	4.9
Over six months	3	1.8
Unknown	58	35.4
Median = 1.37 months		
Number of Interviews Before Finding Job After JCCC Program Completion		
Hired after first interview	54	32.9%
Hired after second interview	17	10.4
Hired after third interview	24	14.6
Hired after 4 to 6 interviews	20	12.2
Completed more than 6 interviews	8	4.9
Unknown	41	25.0
Assistance With Job Search*		
No help--found job on own	70	50.7%
Coordinators and instructors helped	29	21.0
Family and friends helped	24	17.4
JCCC workshops helped	12	8.7
Career Planning and Placement Center helped	5	3.6
Other assistance	4	2.9
Other placement services helped	3	2.2

* Multiple response item; numbers and percentages are not additive.

Table 8

AVERAGE HOURLY WAGE BY SEX AND PROGRAM
OF RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Overall Average Wage	Males	Females
Accounting	7	$ 7.17	$ 7.00	$7.25
Administration of Justice	2	14.50	N/A	14.50
Animal Health Technology	2	7.13	N/A	7.13
Automotive Technology	2	10.25	10.25	N/A
Aviation Maintenance	1	7.00	7.00	N/A
Biomedical Equipment Tech.	2	13.82	13.69	13.94
Business Administration	9	11.48	12.15	11.08
Chef Apprentice	2	7.15	7.80	6.50
Commercial Art	14	8.64	9.29	8.15
Computer Systems Technology	2	10.26	10.26	N/A
Data Processing	20	13.45	15.44	11.82
Dental Hygiene	10	14.74	N/A	14.74
Drafting Technology	4	8.52	8.02	10.00
Electronics Engr. Technology	6	8.91	8.91	N/A
Emergency Medical Technology	18	8.06	8.16	7.77
Equine Studies	4	10.32	N/A	10.32
Fashion Merchandising	7	6.67	N/A	6.67
Fire Science	5	12.25	12.25	N/A
HVAC Technology	8	13.53	13.53	N/A
Hospitality Management	15	8.38	8.72	8.10
Information Word Processing	2	7.00	N/A	7.00
Interior Merchandising	3	7.28	N/A	7.28
Interpreter Training	7	7.73	N/A	7.73
M.I.C.T. (Paramedic)	7	9.84	10.84	8.50
Manufacturing Technology	1	10.00	10.00	N/A
Marketing & Management	4	5.96	N/A	5.96
Medical Records Technology	1	9.00	N/A	9.00
Nursing	22	12.49	N/A	12.49
Paralegal	21	10.56	8.00	10.69
Police Academy	13	11.03	10.93	11.54
Respiratory Therapy	5	11.19	10.40	11.45
Secretarial Careers	4	8.07	N/A	8.07
Overall Average Wages	230	$10.36	$10.67	$10.18

NOTE: Results detail responses to this question only, excluding unknowns.

Table 9

AVERAGE HOURLY ENTRY-LEVEL WAGE OF
RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Average Hourly Wage
Accounting	5	$ 6.43
Animal Health Technology	2	7.13
Aviation Maintenance	1	7.00
Biomedical Equipment Tech.	1	13.94
Business Administration	3	6.37
Chef Apprentice	1	6.50
Commercial Art	12	8.58
Computer Systems Technology	1	8.00
Data Processing	7	10.25
Dental Hygiene	10	14.74
Drafting Technology	2	8.75
Electronics Engr. Technology	3	7.43
Emergency Medical Technology	12	6.68
Equine Studies	3	9.59
Fashion Merchandising	5	6.73
HVAC Technology	2	13.66
Hospitality Management	14	8.33
Interpreter Training	7	7.73
M.I.C.T. (Paramedic)	4	8.22
Marketing & Management	2	5.46
Nursing	18	12.36
Paralegal	9	10.23
Respiratory Therapy	1	10.40
Secretarial Careers	3	6.75
Overall Average Hourly Wage	129	$9.44

NOTE: Entry level wage defined as earnings of respondents employed in current job one year or less. Results detail responses to this question only, excluding unknowns.

Table 10

EVALUATION OF WORKING CONDITIONS
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	7	85.7%	14.3%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	2	50.0	0.0	50.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	50.0	0.0	50.0
Business Administration	8	75.0	12.5	12.5
Chef Apprentice	2	50.0	0.0	50.0
Commercial Art	14	78.6	14.3	7.1
Computer Systems Tech.	2	100.0	0.0	0.0
Data Processing	20	80.0	20.0	0.0
Dental Hygiene	10	80.0	0.0	20.0
Drafting Technology	4	75.0	25.0	0.0
Electronics Engr. Tech.	6	83.3	16.7	0.0
Emergency Medical Technology	18	83.3	5.6	11.1
Equine Studies	4	100.0	0.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0
Fire Science	5	80.0	20.0	0.0
HVAC Tech.	8	87.5	0.0	12.5
Hospitality Management	15	73.3	20.0	6.7
Information Word Processing	2	50.0	0.0	50.0
Interior Merchandising	3	66.7	33.3	0.0
Interpreter Training	7	85.7	14.3	0.0
M.I.C.T. (Paramedic)	7	85.7	14.3	0.0
Manufacturing Technology	1	0.0	0.0	100.0
Marketing and Management	4	100.0	0.0	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	22	77.3	18.2	4.5
Paralegal	21	85.7	4.8	9.5
Police Academy	13	84.6	0.0	15.4
Respiratory Therapy	5	100.0	0.0	0.0
Secretarial Careers	4	100.0	0.0	0.0
Totals	229	82.1%	10.0%	7.9%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 11

EVALUATION OF LEVEL OF JOB RESPONSIBILITY
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	7	100.0%	0.0%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	2	50.0	50.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	8	62.5	12.5	25.0
Chef Apprentice	2	50.0	50.0	0.0
Commercial Art	14	71.4	14.3	14.3
Computer Systems Tech.	2	100.0	0.0	0.0
Data Processing	20	75.0	20.0	5.0
Dental Hygiene	10	80.0	0.0	20.0
Drafting Technology	4	25.0	25.0	50.0
Electronics Engr. Tech.	6	66.7	0.0	33.3
Emergency Medical Technology	16	100.0	0.0	0.0
Equine Studies	4	100.0	0.0	0.0
Fashion Merchandising	7	71.4	28.6	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Tech.	8	50.0	37.5	12.5
Hospitality Management	15	73.3	13.3	13.3
Information Word Processing	2	50.0	0.0	50.0
Interior Merchandising	3	66.7	33.3	0.0
Interpreter Training	7	85.7	0.0	14.3
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
Marketing and Management	4	100.0	0.0	0.0
Medical Record Technology	1	0.0	100.0	0.0
Nursing	22	86.4	9.1	4.5
Paralegal	21	85.7	4.8	9.5
Police Academy	13	84.6	15.4	0.0
Respiratory Therapy	5	100.0	0.0	0.0
Secretarial Careers	4	75.0	25.0	0.0
Totals	225	80.4%	11.1%	8.4%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 12

EVALUATION OF ADVANCEMENT POTENTIAL
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	6	50.0%	0.0%	50.0%
Administration of Justice	2	100.0	0.0	0.0
Animal Health Technology	2	50.0	50.0	0.0
Automotive Technology	2	0.0	50.0	50.0
Biomedical Equipment Tech.	2	50.0	0.0	50.0
Business Administration	8	37.5	12.5	50.0
Chef Apprentice	2	50.0	0.0	50.0
Commercial Art	14	35.7	28.6	35.7
Computer Systems Tech.	2	0.0	50.0	50.0
Data Processing	20	65.0	15.0	20.0
Dental Hygiene	10	60.0	10.0	30.0
Drafting Technology	3	0.0	66.7	33.3
Electronics Engr. Tech.	5	40.0	40.0	20.0
Emergency Medical Technology	18	72.2	5.6	22.2
Equine Studies	3	66.7	0.0	33.3
Fashion Merchandising	6	50.0	50.0	0.0
Fire Science	5	40.0	20.0	40.0
HVAC Tech.	8	25.0	37.5	37.5
Hospitality Management	15	66.7	6.7	26.7
Information Word Processing	2	50.0	0.0	50.0
Interior Merchandising	3	66.7	0.0	33.3
Interpreter Training	5	40.0	0.0	60.0
M.I.C.T. (Paramedic)	7	71.4	0.0	28.6
Manufacturing Technology	1	100.0	0.0	0.0
Marketing and Management	4	75.0	0.0	25.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	22	54.5	31.8	13.6
Paralegal	20	55.0	15.0	30.0
Police Academy	13	61.5	15.4	23.1
Respiratory Therapy	5	100.0	0.0	0.0
Secretarial Careers	4	50.0	0.0	50.0
Totals	220	55.5%	16.8%	27.7%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 13

EVALUATION OF SALARY
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	7	14.3%	57.1%	28.6%
Administration of Justice	2	100.0	0.0	0.0
Animal Health Technology	2	50.0	50.0	0.0
Automotive Technology	2	50.0	50.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	50.0	0.0	50.0
Business Administration	7	71.4	28.6	0.0
Chef Apprentice	2	0.0	0.0	100.0
Commercial Art	14	28.6	21.4	50.0
Computer Systems Tech.	2	0.0	50.0	50.0
Data Processing	20	85.0	15.0	0.0
Dental Hygiene	10	90.0	0.0	10.0
Drafting Technology	4	25.0	50.0	25.0
Electronics Engr. Tech.	6	16.7	66.7	16.7
Emergency Medical Technology	18	66.7	11.1	22.2
Equine Studies	4	75.0	25.0	0.0
Fashion Merchandising	7	42.9	42.9	14.3
Fire Science	5	80.0	20.0	0.0
HVAC Tech.	8	75.0	12.5	12.5
Hospitality Management	15	66.7	6.7	26.7
Information Word Processing	2	0.0	0.0	100.0
Interior Merchandising	3	66.7	33.3	0.0
Interpreter Training	7	42.9	14.3	42.9
M.I.C.T. (Paramedic)	7	57.1	28.6	14.3
Manufacturing Technology	1	0.0	0.0	100.0
Marketing and Management	4	50.0	0.0	50.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	22	77.3	13.6	9.1
Paralegal	21	66.7	9.5	23.8
Police Academy	13	76.9	7.7	15.4
Respiratory Therapy	5	60.0	40.0	0.0
Secretarial Careers	4	100.0	0.0	0.0
Totals	228	62.3%	18.4%	19.3%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 14

EVALUATION OF JOB IN GENERAL
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	7	71.4%	28.6%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	2	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	1	100.0	0.0	0.0
Business Administration	8	75.0	12.5	12.5
Chef Apprentice	2	50.0	0.0	50.0
Commercial Art	14	92.9	7.1	0.0
Computer Systems Tech.	2	100.0	0.0	0.0
Data Processing	20	80.0	15.0	5.0
Dental Hygiene	10	90.0	0.0	10.0
Drafting Technology	4	50.0	50.0	0.0
Electronics Engr. Tech.	6	83.3	16.7	0.0
Emergency Medical Technology	18	94.4	5.6	0.0
Equine Studies	4	100.0	0.0	0.0
Fashion Merchandising	7	71.4	28.6	0.0
Fire Science	5	80.0	20.0	0.0
HVAC Tech.	8	75.0	12.5	12.5
Hospitality Management	15	86.7	0.0	13.3
Information Word Processing	2	50.0	0.0	50.0
Interior Merchandising	3	33.3	66.7	0.0
Interpreter Training	7	85.7	14.3	0.0
M.I.C.T. (Paramedic)	7	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
Marketing and Management	4	100.0	0.0	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	22	81.8	13.6	4.5
Paralegal	21	81.0	14.3	4.8
Police Academy	13	92.3	7.7	0.0
Respiratory Therapy	5	100.0	0.0	0.0
Secretarial Careers	4	75.0	25.0	0.0
Totals	228	84.2%	11.4%	4.4%

NOTE: Results detail responses to this question only, excluding unknowns.

Table 15

LEVEL OF SATISFACTION WITH
FULL-TIME RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	7	85.7%	14.3%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	2	50.0	50.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	50.0	0.0	50.0
Business Administration	8	50.0	12.5	12.5
Chef Apprentice	2	100.0	0.0	0.0
Commercial Art	14	85.7	0.0	14.3
Computer Systems Tech.	2	50.0	0.0	50.0
Data Processing	20	95.0	5.0	0.0
Dental Hygiene	10	100.0	0.0	0.0
Drafting Technology	4	100.0	0.0	0.0
Electronics Engr. Tech.	6	66.7	0.0	33.3
Emergency Medical Technology	16	100.0	0.0	0.0
Equine Studies	4	100.0	0.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Tech.	8	62.5	12.5	25.0
Hospitality Management	15	80.0	13.3	6.7
Information Word Processing	2	50.0	50.0	0.0
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	7	100.0	0.0	0.0
M.I.C.T. (Paramedic)	7	85.7	14.3	0.0
Manufacturing Technology	1	100.0	0.0	0.0
Marketing and Management	4	75.0	25.0	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	22	95.5	0.0	4.5
Paralegal	21	76.2	0.0	23.8
Police Academy	13	84.6	0.0	15.4
Respiratory Therapy	5	100.0	0.0	0.0
Secretarial Careers	3	100.0	0.0	0.0
Totals	226	86.7%	4.4%	8.8%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 16

JCCC EXPERIENCES

	Number of Responses	Percent
Method of JCCC Career Program Completion		
Earned associate degree	218	66.3%
Earned vocational certificate	68	20.7
Left with marketable skills	43	13.1
Semesters Enrolled in Career Program		
1 or 2	63	19.1%
3 or 4	119	36.2
5 or 6	95	28.9
7 or 8	28	8.5
9 or more	17	5.2
Unknown	7	2.1
Median = 4.26 semesters		
Credit Hours Completed at JCCC		
15 or less	41	12.5%
16 to 30	35	10.6
31 to 45	24	7.3
46 to 60	52	15.8
61 to 70	83	25.2
71 or more	62	18.8
Unknown	32	9.7
Median = 60.37 credit hours		
College Grades		
Mostly A	83	25.2%
Mostly A and B	136	41.3
Mostly B	51	15.5
Mostly B and C	49	14.9
Mostly C	7	2.1
Mostly C and D	1	.3
Mostly D	2	.6

Table 17

JCCC EDUCATIONAL OBJECTIVE

	Number of Responses	Percent
Original Educational Objective at JCCC		
Prepare to enter job market	152	46.2%
Improve skills for present job	60	18.2
Prepare to change careers	40	12.2
Prepare to transfer	38	11.6
Explore career possibilities	23	7.0
Study topics of interest/self-improvement	12	3.6
Remedy or review basic skills	1	.3
Other/unknown	3	.9
Changed Educational Objective		
Yes	55	16.7%
No	272	82.7
Unknown	2	.6
New Educational Objective*		
Change of major area of study	18	32.7%
Complete degree or certificate	13	23.6
Prepare to change careers	5	9.1
Transfer to 4-year college/university	4	7.3
Improve skills for present job	1	1.8
Other/unknown	14	25.5
Achieved JCCC Educational Objective		
Yes, completely	208	63.2%
Yes, partially	81	24.6
No	39	11.9
Unknown	1	.3
JCCC Helped Achieve Objective		
Yes	280	96.6%
Unsure	6	2.1
No	4	1.4
Reason Objective Not Achieved*		
Still pursuing original objective	13	33.3%
Personal problems	5	12.8
Financial difficulties	2	5.1
Work schedule conflicts	2	5.1
Moved out of area	2	5.1
Other/unknown	15	38.5

* Compiled from verbatim comments.

Table 18

OVERALL SATISFACTION WITH JCCC

	Number of Responses	Percent
JCCC Improved Quality of Life		
Definitely/probably	292	88.8%
Uncertain	19	5.8
Probably no/definitely no	18	5.5
If Starting Now, Would Attend JCCC Again		
Definitely/probably	304	92.4%
Uncertain	12	3.6
Probably no/definitely no	13	4.0
Would Recommend JCCC to Friends		
Yes	318	96.7%
Unsure	8	2.4
No	3	.9
Would Encourage Own Children to Attend JCCC		
Yes	283	86.0%
Unsure	35	10.6
No	9	2.7
Unknown	2	.6

Table 19

PERCEPTIONS OF JCCC EXPERIENCES

	JCCC Should Have Helped With This				JCCC Did Help With This			
	Number of Responses	Agree	Neutral	Disagree	Number of Responses	Agree	Neutral	Disagree
Improve oral communication skills	304	81.9%	16.1%	2.0%	309	73.1%	21.4%	5.5%
Improve written communication skills	303	78.5	16.8	4.6	311	67.5	25.1	7.4
Improve decision-making skills	306	77.5	19.0	3.6	314	69.7	25.8	4.5
Broaden knowledge of arts and sciences	297	73.1	22.9	4.0	304	70.1	23.4	6.6
Improve time management skills	304	71.7	22.7	5.6	314	67.2	25.2	7.6
Clarify personal values and goals	304	68.1	26.6	5.3	311	66.6	26.7	6.8
Expand tolerance for people and ideas	304	67.8	26.3	5.9	312	62.8	31.4	5.8
Improve interpersonal skills	302	56.6	33.4	9.9	309	59.5	34.3	6.1

NOTE: Data were collected utilizing a 5-point scale ranging from strongly agree to strongly disagree. Thus, the "agree" column includes strongly agree and agree responses combined, and the "disagree" column includes disagree and strongly disagree responses combined.

Table 20

SATISFACTION WITH VARIOUS ASPECTS OF COLLEGE

	At JCCC				At Four-Year College/University			
	Number of Responses	Satisfied	Neutral	Dissatisfied	Number of Responses	Satisfied	Neutral	Dissatisfied
Quality of instruction	320	91.6%	5.9%	2.5%	152	80.3%	11.8%	7.9%
Course content	321	91.0	5.9	3.1	151	80.1	15.2	4.6
Facilities and equipment	319	90.0	6.9	3.1	146	69.2	20.5	10.3
Helpfulness/individual attention of faculty	318	87.7	7.9	4.4	152	61.8	21.1	17.1
Registration process	318	85.8	8.5	5.7	152	55.3	14.5	30.3
Variety of courses	316	84.2	12.0	3.8	152	86.2	10.5	3.3
Usefulness/relevance of coursework	310	83.9	11.9	4.2	143	49.7	39.2	11.2
Convenience of class scheduling	315	82.9	8.6	8.6	152	65.8	19.7	14.5
Academic advisement and counseling	310	71.3	19.0	9.7	151	51.7	23.2	25.2
Career or transfer preparation	280	69.3	25.4	5.4	137	55.5	37.2	7.3
Job placement services	113	59.3	29.2	11.5	117	23.1	64.1	12.8
Availability of scholarships and financial aid	251	42.6	45.4	12.0	128	52.3	34.4	13.3

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and satisfied responses combined, and the "dissatisfied" column includes dissatisfied and very dissatisfied responses combined.

Table 21

FOUR-YEAR COLLEGE/UNIVERSITY
COMPARED IN TABLE 20

	Number of Responses		Percent
Kansas Colleges & Universities			
The University of Kansas	28		20.0%
Kansas State University	16		11.4
Mid-America Nazarene College	4		2.9
Emporia State University	9		6.4
Pittsburg State University	5		3.6
Washburn University	4		2.9
Other Kansas colleges and universities	15		10.7
Total Kansas colleges & universities	81	57.9%	
Missouri Colleges & Universities			
University of Missouri at Kansas City	4		2.9
Avila College	5		3.6
University of Missouri at Columbia	3		2.1
Central Missouri State University	5		3.6
Southwest Missouri State University	4		2.9
Other Missouri colleges and universities	9		6.4
Total Missouri colleges and universities	30	21.4%	
Out-of-area colleges and universities (18 other states represented)	29	20.7%	

Table 22

SATISFACTION WITH
VARIETY OF COURSES OFFERED AT JCCC
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	11	90.0%	0.0%	9.1%
Administration of Justice	3	100.0	0.0	0.0
Animal Health Technology	3	100.0	0.0	0.0
Automotive Technology	2	50.0	50.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	50.0	50.0	0.0
Business Administration	14	92.9	0.0	7.1
Chef Apprentice	2	100.0	0.0	0.0
Commercial Art	20	75.0	15.0	10.0
Computer Systems Tech.	4	100.0	0.0	0.0
Data Processing	32	84.4	12.5	3.1
Dental Hygiene	12	91.7	8.3	0.0
Drafting Technology	7	71.4	14.3	14.3
Electronics Engr. Tech.	7	85.7	14.3	0.0
Emergency Medical Technology	26	84.6	15.4	0.0
Equine Studies	8	87.5	12.5	0.0
Fashion Merchandising	12	91.7	8.3	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Technology	8	50.0	25.0	25.0
Hospitality Management	20	80.0	10.0	10.0
Information Word Processing	4	25.0	75.0	0.0
Interior Merchandising	7	100.0	0.0	0.0
Interpreter Training	12	83.3	16.7	0.0
M.I.C.T. (Paramedic)	6	83.3	16.7	0.0
Marketing & Management	7	100.0	0.0	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	23	95.7	0.0	4.3
Paralegal	39	84.6	12.8	2.6
Police Academy	9	66.7	33.3	0.0
Respiratory Therapy	5	60.0	40.0	0.0
Secretarial Careers	4	100.0	0.0	0.0
Totals	316	84.2%	12.0%	3.8%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 23

SATISFACTION WITH
HELPFULNESS AND INDIVIDUAL ATTENTION
RECEIVED FROM JCCC FACULTY
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	11	90.9%	9.1%	0.0%
Administration of Justice	3	100.0	0.0	0.0
Animal Health Technology	3	66.7	33.3	0.0
Automotive Technology	2	100.0	0.0	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	14	85.7	7.1	7.1
Chef Apprentice	2	100.0	0.0	0.0
Commercial Art	20	85.0	10.0	5.0
Computer Systems Tech.	4	100.0	0.0	0.0
Data Processing	32	96.9	3.1	0.0
Dental Hygiene	12	83.3	8.3	8.3
Drafting Technology	7	100.0	0.0	0.0
Electronics Engr. Tech.	7	85.7	14.3	0.0
Emergency Medical Technology	26	92.3	3.8	3.8
Equine Studies	8	87.5	0.0	12.5
Fashion Merchandising	12	91.7	8.3	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Technology	8	62.5	12.5	25.0
Hospitality Management	20	95.0	5.0	0.0
Information Word Processing	4	50.0	25.0	25.0
Interior Merchandising	7	71.4	28.6	0.0
Interpreter Training	12	75.0	8.3	16.7
M.I.C.T. (Paramedic)	7	85.7	14.3	0.0
Marketing & Management	7	100.0	0.0	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	23	91.3	8.7	0.0
Paralegal	39	87.2	5.1	7.7
Police Academy	11	63.6	36.4	0.0
Respiratory Therapy	5	80.0	0.0	20.0
Secretarial Careers	4	100.0	0.0	0.0
Totals	318	87.7%	7.9%	4.4%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 24

SATISFACTION WITH
COURSE CONTENT AT JCCC
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	11	100.0%	0.0%	0.0%
Administration of Justice	3	100.0	0.0	0.0
Animal Health Technology	3	100.0	0.0	0.0
Automotive Technology	2	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	50.0	0.0	50.0
Business Administration	14	85.7	7.1	7.1
Chef Apprentice	2	50.0	0.0	50.0
Commercial Art	20	85.0	10.0	5.0
Computer Systems Tech.	4	100.0	0.0	0.0
Data Processing	32	96.9	3.1	0.0
Dental Hygiene	12	100.0	0.0	0.0
Drafting Technology	7	85.7	14.3	0.0
Electronics Engr. Tech.	7	100.0	0.0	0.0
Emergency Medical Technology	27	100.0	0.0	0.0
Equine Studies	8	87.5	0.0	12.5
Fashion Merchandising	12	100.0	0.0	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Technology	8	62.5	12.5	25.0
Hospitality Management	20	95.0	0.0	5.0
Information Word Processing	4	50.0	25.0	25.0
Interior Merchandising	7	100.0	0.0	0.0
Interpreter Training	12	91.7	8.3	0.0
M.I.C.T. (Paramedic)	7	85.7	14.3	0.0
Marketing & Management	7	85.7	14.3	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	23	91.3	4.3	4.3
Paralegal	40	92.5	7.5	0.0
Police Academy	11	63.6	36.4	0.0
Respiratory Therapy	5	80.0	20.0	0.0
Secretarial Careers	4	100.0	0.0	0.0
Totals	321	91.0%	5.9%	3.1%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 25

SATISFACTION WITH
QUALITY OF INSTRUCTION AT JCCC
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	11	100.0%	0.0%	0.0%
Administration of Justice	3	100.0	0.0	0.0
Animal Health Technology	3	100.0	0.0	0.0
Automotive Technology	2	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	14	92.9	0.0	7.1
Chef Apprentice	2	50.0	0.0	50.0
Commercial Art	20	85.0	15.0	0.0
Computer Systems Tech.	4	100.0	0.0	0.0
Data Processing	32	93.8	6.3	0.0
Dental Hygiene	12	100.0	0.0	0.0
Drafting Technology	7	85.7	14.3	0.0
Electronics Engr. Tech.	7	100.0	0.0	0.0
Emergency Medical Technology	27	96.3	3.7	0.0
Equine Studies	8	87.5	0.0	12.5
Fashion Merchandising	12	100.0	0.0	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Technology	8	62.5	12.5	25.0
Hospitality Management	20	95.0	5.0	0.0
Information Word Processing	4	75.0	0.0	25.0
Interior Merchandising	7	100.0	0.0	0.0
Interpreter Training	12	91.7	8.3	0.0
M.I.C.T. (Paramedic)	7	85.7	14.3	0.0
Marketing & Management	7	85.7	14.3	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	23	95.7	4.3	0.0
Paralegal	40	87.5	10.0	2.5
Police Academy	10	80.0	10.0	10.0
Respiratory Therapy	5	80.0	20.0	0.0
Secretarial Careers	4	100.0	0.0	0.0
Totals	320	91.6%	5.9%	2.5%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 26

SATISFACTION WITH
USEFULNESS AND RELEVANCE OF JCCC COURSE OF STUDY
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	80.0%	10.0%	10.0%
Administration of Justice	2	100.0	0.0	0.0
Animal Health Technology	3	66.7	0.0	33.3
Automotive Technology	2	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	13	61.5	38.5	0.0
Chef Apprentice	2	100.0	0.0	0.0
Commercial Art	19	73.7	15.8	10.5
Computer Systems Tech.	4	100.0	0.0	0.0
Data Processing	29	93.1	3.4	3.4
Dental Hygiene	12	100.0	0.0	0.0
Drafting Technology	6	66.7	0.0	33.3
Electronics Engr. Tech.	7	85.7	14.3	0.0
Emergency Medical Technology	25	80.0	20.0	0.0
Equine Studies	8	50.0	25.0	25.0
Fashion Merchandising	12	83.3	16.7	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Technology	8	75.0	12.5	12.5
Hospitality Management	20	90.0	10.0	0.0
Information Word Processing	4	75.0	25.0	0.0
Interior Merchandising	7	57.1	42.9	0.0
Interpreter Training	12	91.7	8.3	0.0
M.I.C.T. (Paramedic)	7	85.7	14.3	0.0
Marketing & Managememt	7	85.7	14.3	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	23	91.3	8.7	0.0
Paralegal	39	84.6	7.7	7.7
Police Academy	11	90.9	9.1	0.0
Respiratory Therapy	5	100.0	0.0	0.0
Secretarial Careers	4	75.0	25.0	0.0
Totals	310	83.9%	11.9%	4.2%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 27

SATISFACTION WITH
CAREER/TRANSFER PREPARATION AT JCCC
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	50.0%	50.0%	0.0%
Administration of Justice	2	50.0	50.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	2	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	2	50.0	50.0	0.0
Business Administration	9	77.8	22.2	0.0
Chef Apprentice	2	100.0	0.0	0.0
Commercial Art	19	73.7	15.8	10.5
Computer Systems Tech.	4	50.0	50.0	0.0
Data Processing	29	79.3	17.2	3.4
Dental Hygiene	12	91.7	8.3	0.0
Drafting Technology	5	80.0	0.0	20.0
Electronics Engr. Tech.	6	33.3	50.0	16.7
Emergency Medical Technology	23	69.6	30.4	0.0
Equine Studies	6	33.3	50.0	16.7
Fashion Merchandising	11	72.7	27.3	0.0
Fire Science	3	66.7	33.3	0.0
HVAC Technology	7	57.1	28.6	14.3
Hospitality Management	17	76.5	11.8	11.8
Information Word Processing	4	25.0	75.0	0.0
Interior Merchandising	6	50.0	33.3	16.7
Interpreter Training	10	70.0	20.0	10.0
M.I.C.T. (Paramedic)	6	83.3	16.7	0.0
Marketing & Management	7	71.4	14.3	14.3
Medical Record Technology	1	0.0	100.0	0.0
Nursing	22	72.7	27.3	0.0
Paralegal	34	64.7	26.5	8.8
Police Academy	10	80.0	20.0	0.0
Respiratory Therapy	5	60.0	40.0	0.0
Secretarial Careers	3	66.7	33.3	0.0
Totals	280	69.3%	25.4%	5.4%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 28

SATISFACTION WITH
JOB PLACEMENT SERVICES AT JCCC
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	5	60.0%	40.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Biomedical Equipment Tech.	1	0.0	0.0	100.0
Business Administration	2	50.0	50.0	0.0
Commercial Art	11	36.4	45.5	18.2
Computer Systems Tech.	3	33.3	66.7	0.0
Data Processing	20	60.0	25.0	15.0
Dental Hygiene	2	50.0	50.0	0.0
Drafting Technology	3	100.0	0.0	0.0
Electronics Engr. Tech.	6	50.0	50.0	0.0
Emergency Medical Technology	2	50.0	50.0	0.0
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising	8	87.5	12.5	0.0
Fire Science	1	100.0	0.0	0.0
HVAC Technology	3	66.7	0.0	33.3
Hospitality Management	7	57.1	28.6	14.3
Information Word Processing	1	100.0	0.0	0.0
Interior Merchandising	1	0.0	100.0	0.0
Interpreter Training	3	66.7	33.3	0.0
M.I.C.T. (Paramedic)	1	0.0	100.0	0.0
Marketing & Management	3	100.0	0.0	0.0
Medical Record Technology	1	0.0	100.0	0.0
Nursing	9	55.6	44.4	0.0
Paralegal	16	56.3	12.5	31.3
Police Academy	1	100.0	0.0	0.0
Respiratory Therapy	1	100.0	0.0	0.0
Totals	113	59.3%	29.2%	11.5%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 29

SATISFACTION WITH
JCCC FACILITIES AND EQUIPMENT
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	11	81.8%	9.1%	9.1%
Administration of Justice	3	100.0	0.0	0.0
Animal Health Technology	3	66.7	0.0	33.3
Automotive Technology	2	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Tech.	1	100.0	0.0	0.0
Business Administration	13	92.3	7.7	0.0
Chef Apprentice	2	100.0	0.0	0.0
Commercial Art	20	85.0	5.0	10.0
Computer Systems Tech.	4	100.0	0.0	0.0
Data Processing	32	100.0	0.0	0.0
Dental Hygiene	12	100.0	0.0	0.0
Drafting Technology	7	100.0	0.0	0.0
Electronics Engr. Tech.	7	85.7	14.3	0.0
Emergency Medical Technology	27	92.6	7.4	0.0
Equine Studies	8	87.5	12.5	0.0
Fashion Merchandising	12	100.0	0.0	0.0
Fire Science	5	100.0	0.0	0.0
HVAC Technology	8	75.0	12.5	12.5
Hospitality Management	20	85.0	10.0	5.0
Information Word Processing	4	100.0	0.0	0.0
Interior Merchandising	7	100.0	0.0	0.0
Interpreter Training	12	91.7	8.3	0.0
M.I.C.T. (Paramedic)	7	85.7	14.3	0.0
Marketing & Management	7	85.7	14.3	0.0
Medical Record Technology	1	100.0	0.0	0.0
Nursing	23	95.7	0.0	4.3
Paralegal	40	75.0	17.5	7.5
Police Academy	11	90.9	9.1	0.0
Respiratory Therapy	5	80.0	20.0	0.0
Secretarial Careers	4	100.0	0.0	0.0
Totals	319	90.0%	6.9%	3.1%

NOTE: Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes very satisfied and somewhat satisfied responses combined, and the "dissatisfied" column includes somewhat dissatisfied and very dissatisfied responses combined. Results detail responses to this question only, excluding unknowns.

Table 30

CURRENT EDUCATIONAL PROFILE

	Number of Responses	Percent
Current Educational Objective		
Improve skills for present job	109	33.1
No plans for more education	47	14.3
Prepare to transfer	42	12.8
Prepare to enter job market	37	11.2
Study topics of interest/self-improvement	34	10.3
Prepare for graduate school	27	8.2
Prepare to change careers	16	4.9
Explore career possibilities	11	3.3
Remedy or review basic skills	2	.6
Other/unknown	4	1.2
Currently Enrolled		
Yes	71	21.6%
No	255	77.5
Unknown	3	.9
Where		
JCCC	35	49.3%
The University of Kansas	7	9.9
Kansas State University	3	4.2
Emporia State University	1	1.4
Kansas City, Kansas Community College	1	1.4
Ottawa University	1	1.4
Pittsburg State University	1	1.4
St. Mary's College, Leavenworth	1	1.4
Washburn University	1	1.4
Other Kansas colleges/universities	1	1.4
Avila College	2	2.8
University of Missouri, Kansas City	2	2.8
Central Missouri State University	1	1.4
DeVry Technical Institute	1	1.4
Park College	1	1.4
Other Missouri colleges/universities	1	1.4
Other out-of-state colleges/universities	3	4.2
Unknown	8	11.3

Table 31

FUTURE EDUCATIONAL PLANS

	Number of Responses	Percent
Plan to Enroll Again		
Yes	157	47.7%
Unsure	97	29.5
No	71	21.6
Unknown	4	1.2
Where		
JCCC	77	49.0%
The University of Kansas	16	10.2
Emporia State University	6	3.8
Kansas State University	6	3.8
Mid-America Nazarene College	3	1.9
Ottawa University	3	1.9
Baker University	2	1.3
Highland Community College	2	1.3
Other Kansas colleges/universities	4	2.5
University of Missouri, Kansas City	6	3.8
Avila College	2	1.3
Other Missouri colleges/universities	7	4.5
Other out-of-state colleges/universities	5	3.2
Unknown	18	11.5

SECTION TWO

RESULTS OF FOLLOW-UP STUDY OF EMPLOYERS OF 1988-89 JCCC CAREER PROGRAM COMPLETERS WORKING IN JOBS RELATED TO THEIR JCCC COURSE OF STUDY

Table 32

PROFILE OF FIRMS EMPLOYING
1988-89 JCCC CAREER PROGRAM COMPLETERS
IN JOBS RELATED TO JCCC COURSE OF STUDY

	Number of Responses	Percent
Number of Employees		
1 to 5	12	7.6%
6 to 10	13	8.3
11 to 25	24	15.3
26 to 50	15	9.6
51 to 100	19	12.1
101 to 250	10	6.4
251 to 500	8	5.1
501 and over	17	10.8
Unknown	39	24.8
Anticipate Hiring in Same Career Field Within 3-5 Years		
Yes	82	52.2%
No	30	19.1
Unknown	45	28.7

Table 33

EMPLOYER EVALUATION OF
JOB-RELATED CONCEPTUAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0'
Automotive Technology	1	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Technology	2	0.0	100.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Commercial Art	10	80.0	20.0	0.0
Computer Systems Technology	2	100.0	0.0	0.0
Data Processing	13	92.3	7.7	0.0
Dental Hygiene	12	91.7	8.3	0.0
Drafting Technology	5	60.0	40.0	0.0
Electronics Engr. Technology	2	50.0	50.0	0.0
Emergency Medical Technology	9	77.8	22.2	0.0
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising*	5	80.0	0.0	20.0
Fire Science	4	100.0	0.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	7	100.0	0.0	0.0
Information Word Processing	1	100.0	0.0	0.0
Interpreter Training	8	87.5	12.5	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	3	1.9	0.0	0.0
Nursing*	17	94.1	0.0	5.9
Paralegal	13	100.0	0.0	0.0
Police Academy	10	80.0	20.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Secretarial Careers	2	100.0	0.0	0.0
Totals	155	89.7%	9.0%	1.3%

* Not all employers chose to rate the JCCC completer on this variable.

Table 34

EMPLOYER EVALUATION OF
JOB-RELATED TECHNICAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	1	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Technology	2	50.0	50.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Commercial Art	10	90.0	10.0	0.0
Computer Systems Technology	2	100.0	0.0	0.0
Data Processing	13	92.3	7.7	0.0
Dental Hygiene	12	83.3	16.7	0.0
Drafting Technology	5	80.0	20.0	0.0
Electronics Engr. Technology	2	50.0	50.0	0.0
Emergency Medical Technology	9	66.7	33.3	0.0
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising*	5	80.0	0.0	20.0
Fire Science	4	100.0	0.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	7	100.0	0.0	0.0
Information Word Processing	1	100.0	0.0	0.0
Interpreter Training	8	87.5	12.5	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	3	100.0	0.0	0.0
Nursing*	17	82.4	11.8	5.9
Paralegal	13	100.0	0.0	0.0
Police Academy	10	60.0	30.0	10.0
Respiratory Therapy	4	100.0	0.0	0.0
Secretarial Careers	2	100.0	0.0	0.0
Totals	155	87.7%	10.3%	1.9%

* Not all employers chose to rate the JCCC completer on this variable.

Table 35

EMPLOYER EVALUATION OF
ATTITUDE TOWARD WORK

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	4	75.0%	25.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Animal Health Technology*	1	100.0	0.0	0.0
Automotive Technology	1	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Technology	2	50.0	50.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Commercial Art	10	100.0	0.0	0.0
Computer Systems Technology	2	100.0	0.0	0.0
Data Processing	13	92.3	7.7	0.0
Dental Hygiene	12	83.3	16.7	0.0
Drafting Technology	5	80.0	20.0	0.0
Electronics Engr. Technology	2	100.0	0.0	0.0
Emergency Medical Technology	9	77.8	11.1	11.1
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising	6	66.7	33.3	0.0
Fire Science	4	100.0	0.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	7	85.7	14.3	0.0
Information Word Processing	1	100.0	0.0	0.0
Interpreter Training	8	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	3	100.0	0.0	0.0
Nursing*	17	88.2	5.9	5.9
Paralegal	13	92.3	7.7	0.0
Police Academy	10	90.0	10.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Secretarial Careers	2	50.0	50.0	0.0
Totals	155	89.7%	9.0%	1.3%

* Not all employers chose to rate the JCCC completer on this variable.

Table 36

EMPLOYER EVALUATION OF
QUALITY OF WORK

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	1	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Technology	2	50.0	50.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Commercial Art	10	90.0	10.0	0.0
Computer Systems Technology	2	100.0	0.0	0.0
Data Processing	13	84.6	15.4	0.0
Dental Hygiene	12	83.3	16.7	0.0
Drafting Technology	5	100.0	0.0	0.0
Electronics Engr. Technology	2	50.0	50.0	0.0
Emergency Medical Technology	9	77.8	22.2	0.0
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising	6	66.7	16.7	16.7
Fire Science	4	100.0	0.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	7	100.0	0.0	0.0
Information Word Processing	1	100.0	0.0	0.0
Interpreter Training	8	87.5	12.5	0.0
M.I.C.T. (Paramedic)	5	80.0	20.0	0.0
Marketing and Management	3	100.0	0.0	0.0
Nursing*	17	88.2	11.8	0.0
Paralegal*	12	100.0	0.0	0.0
Police Academy	10	80.0	10.0	10.0
Respiratory Therapy	4	100.0	0.0	0.0
Secretarial Careers	2	100.0	0.0	0.0
Totals	155	89.0%	9.7%	1.3%

* Not all employers chose to rate the JCCC completer on this variable.

Table 37

EMPLOYER EVALUATION OF
COMMUNICATIONS AND INTERPERSONAL SKILLS

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	4	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	1	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Technology	2	50.0	50.0	0.0
Business Administration	7	71.4	28.6	0.0
Chef Apprentice	1	100.0	0.0	0.0
Commercial Art	10	90.0	10.0	0.0
Computer Systems Technology	2	50.0	50.0	0.0
Data Processing	13	76.9	15.4	7.7
Dental Hygiene	12	58.3	33.3	8.3
Drafting Technology	5	100.0	0.0	0.0
Electronics Engr. Technology	2	100.0	0.0	0.0
Emergency Medical Technology	9	66.7	11.1	22.2
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising	6	83.3	0.0	16.7
Fire Science	4	75.0	25.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	7	100.0	0.0	0.0
Information Word Processing	1	100.0	0.0	0.0
Interpreter Training	8	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	80.0	20.0	0.0
Marketing and Management	3	100.0	0.0	0.0
Nursing*	17	82.4	17.6	0.0
Paralegal	13	84.6	15.4	0.0
Police Academy	10	70.0	20.0	10.0
Respiratory Therapy	4	100.0	0.0	0.0
Secretarial Careers	2	100.0	0.0	0.0
Totals	156	82.7%	13.5%	3.8%

* Not all employers chose to rate the JCCC completer on this variable.

Table 38

EMPLOYER EVALUATION OF
OVERALL JOB PREPARATION

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	4	75.0%	25.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Animal Health Technology	2	100.0	0.0	0.0
Automotive Technology	1	100.0	0.0	0.0
Aviation Maintenance	1	100.0	0.0	0.0
Biomedical Equipment Technology	2	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Commercial Art	10	100.0	0.0	0.0
Computer Systems Technology	2	100.0	0.0	0.0
Data Processing	13	100.0	0.0	0.0
Dental Hygiene	12	83.3	16.7	0.0
Drafting Technology	5	100.0	0.0	0.0
Electronics Engr. Technology	2	50.0	50.0	0.0
Emergency Medical Technology	9	77.8	22.2	0.0
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising*	5	80.0	20.0	0.0
Fire Science	4	100.0	0.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	7	100.0	0.0	0.0
Information Word Processing	1	100.0	0.0	0.0
Interpreter Training	8	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Marketing and Management	3	100.0	0.0	0.0
Nursing*	16	81.3	12.5	6.3
Paralegal	13	100.0	0.0	0.0
Police Academy	10	80.0	20.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Secretarial Careers	2	100.0	0.0	0.0
Totals	154	92.3%	7.1%	.6%

* Not all employers chose to rate the JCCC completer on this variable.

Table 39

ANTICIPATED ANNUAL JOB OPENINGS AND WAGES

	Number of Responses	Anticipated Annual Openings	Average Hourly Wage
Accounting	4	0	N/A
Administration of Justice	11		
Patrol officers		17	$11.18
Dispatcher		5	10.58
Animal Health Technology	2	0	N/A
Automotive Technology	1		
Service advisors		Unspecified	N/A
Aviation Maintenance	1	0	N/A
Biomedical Equipment Technology	2		
Training instructors		Unspecified	N/A
Business Administration	7		
Outside sales		1	9.62
Chef Apprentice	1	Unspecified	5.50
Commercial Art	10		
Art assistant		1	9.00
Production artist		1	N/A
Computer Systems Technology	2		
Field engineer		1	7.00
Data Processing	13		
Programmer		6	12.17
Junior programmer/analyst		8	10.58
Computer operator		2	6.73
Dental Hygiene	12	6	14.88
Dental assistant		1	7.50
Drafting Technology	5	3	7.00

NOTE: Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

Table 39 (continued)

ANTICIPATED ANNUAL JOB OPENINGS AND WAGES

	Number of Responses	Anticipated Annual Openings	Average Hourly Wage
Electronics Engr.Technology	2	0	N/A
Emergency Medical Technology	9	12	7.84
Equine Studies	1		
JCCC instructors		4	20.00
Barn workers		2	5.50
Fashion Merchandising	6		
Assistant manager		1	6.73
Internship		4	5.50
"Miscellaneous positions"		20	5.70
Fire Science	4	0	N/A
HVAC Technology	3	4	10.63
Hospitality Management	7		
Marketing associate		10	7.21
Information Word Processing	1	0	N/A
Interpreter Training	8	5	8.36
M.I.C.T. (Paramedic)	5	9	10.49
Marketing and Management	3	0	N/A
Nursing	18	71	13.22
Paralegal	13	6	9.62
Respiratory Therapy	4	11	10.73
Team leader--intensive care		1	11.53
Supervisor		1	12.30
Secretarial Careers	2	0	N/A
Totals	157	213	$11.22

NOTE: Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

APPENDICES

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APPENDIX A

JOHNSON COUNTY COMMUNITY COLLEGE
FIRST YEAR FOLLOW-UP OF CAREER PROGRAM COMPLETERS

Johnson County Community College is most interested in your experiences both while a student in one of the JCCC career programs and since leaving with marketable skills. JCCC is also required by state law to conduct a follow-up of all career program completers. Please answer each of the following questions as honestly and accurately as possible and return the completed survey to us in the envelope provided. All responses will be kept strictly confidential. Thank you.

Name_____

Social security number_____

JCCC career program_____

____ NOTE: If you were <u>not</u> enrolled in a JCCC career program at any time during 1988 or 1989, or if you are still enrolled in the <u>same</u> program, please check here and return the uncompleted survey to us so our records can be updated. Thank you.

---

1. Is the career program listed above the one in which you were enrolled?

   ____1. Yes
   ____2. No (please indicate correct program)_____

2. Which of the following best describes your current status? (Check only one)

   ____1. Earned an associate's degree
   ____2. Earned a vocational certificate
   ____3. Left with enough training to work in this career field

3. How many semesters were you enrolled <u>in this program</u> at JCCC?_____

4. How many total credit hours have you completed at JCCC?_____

5. Which of the following best describes your <u>primary</u> educational objective when you <u>first</u> enrolled at JCCC? (Check only one)

   ____1. Transfer to another college or university
   ____2. Prepare to enter the job market
   ____3. Improve skills for your present job
   ____4. Explore courses to decide on a new career
   ____5. Remedy or review basic skills
   ____6. Study topics of interest or for self-improvement
   ____7. Prepare to change careers
   ____8. Other (please specify)

6. Did you change this educational objective while a student at JCCC?

   ____1. Yes, changed objective to_____
   ____2. No

7. Did you achieve your ultimate educational objective at JCCC?

   ____1. Yes, completely
   ____2. Yes, partially
   ____3. No (If no, briefly explain reason)

8. If yes, did JCCC help you to achieve this educational objective?

   ____1. Yes
   ____2. Unsure
   ____3. No (Please explain)

9. Regardless of the financial benefits, do you feel your JCCC experiences have improved the quality of your life?

   ____1. Definitely yes
   ____2. Probably yes
   ____3. Uncertain
   ____4. Probably no
   ____5. Definitely no

10. If you could go back, knowing what you know now, would you still attend JCCC?

    ____1. Definitely yes
    ____2. Probably yes
    ____3. Uncertain
    ____4. Probably no
    ____5. Definitely no

11. Would you recommend attending JCCC to your friends and acquaintances?

    ____1. Yes
    ____2. Unsure
    ____3. No

12. Would you encourage your children to attend JCCC?

    ____1. Yes
    ____2. Unsure
    ____3. No

13. People have different reasons for attending college--career training, personal growth, intellectual development, and so on. Please rate each of the following with regard to how much you agree that JCCC <u>should</u> have helped you with this, and how much you agree that your experiences at JCCC <u>actually</u> helped accomplish it, based on the following scale (Circle one response for each). Skip those items which are not applicable to you.

1 = Strongly disagree
2 = Disagree
3 = Neutral
4 = Agree
5 = Strongly agree

		JCCC Should Have Done This					JCCC Affected Me This Way				
A.	Broadened my knowledge of the arts and sciences	1	2	3	4	5	1	2	3	4	5
B.	Improved my ability to communicate orally	1	2	3	4	5	1	2	3	4	5
C.	Improved my ability to communicate in writing	1	2	3	4	5	1	2	3	4	5
D.	Improved my ability to make good decisions	1	2	3	4	5	1	2	3	4	5
E.	Improved my ability to make constructive use of time	1	2	3	4	5	1	2	3	4	5
F.	Enhanced my ability to get along with others	1	2	3	4	5	1	2	3	4	5
G.	Expanded my tolerance for people and ideas	1	2	3	4	5	1	2	3	4	5
H.	Assisted me in clarifying the values and goals of my life	1	2	3	4	5	1	2	3	4	5

14. How are you currently using the skills you developed through your JCCC career program?

_____1. In my job
_____2. Doing volunteer work
_____3. Not using my skills (please explain)
_____4. Other (please specify)

15. Have you ever used the JCCC Career Planning and Placement Center?

_____1. Yes
_____2. No (If no, why not?)

16. Which of the following best describes your current employment situation?

_____1. Full-time military
_____2. Employed part-time (under 30 hours per week)
_____3. Employed full-time (30+ hours per week)
_____4. Unemployed; actively looking for work
_____5. Not in labor force (not employed and not actively looking for a job)

<u>IF UNEMPLOYED OR OUT OF THE LABOR FORCE--SKIP TO QUESTION 20</u>

17. How long have you had your present job?_____

18. What is your average <u>hourly</u> wage?_____

19. How would you describe your job in terms of the skills you developed at JCCC?

_____1. Directly related to skills developed in the JCCC career program
_____2. Somewhat related to skills developed in the JCCC career program
_____3. Not at all related to skills developed in the JCCC career program

20. Is your current job the first one you have had in this career field?

_____1. Yes
_____2. No

21. Were you employed in this job before enrolling in the JCCC career program?

_____1. Yes
_____2. No (If no, skip to question 25)

22. Did any of the following help you to find your job? (Check all that apply)

_____1. JCCC career program administrators and/or instructors
_____2. JCCC instruction or workshops on resume writing, interviewing skills, etc.
_____3. JCCC job placement services
_____4. Other job placement services
_____5. Family and/or friends
_____6. No help--got the job myself
_____7. Other (please specify)

23. After completing the program, how long did you actively seek employment prior to obtaining your first job in this career field?

_____

24. During that time, how many interviews did you have?_____

25. How satisfied are you with your present job?

_____1. Very dissatisfied
_____2. Somewhat dissatisfied
_____3. Neutral
_____4. Somewhat satisfied
_____5. Very satisfied

---

26. Please rate each of the following characteristics of your current job by circling the number most closely reflecting your opinion.

	Poor	Fair	Average	Good	Excellent	Don't Know
A. Working conditions	1	2	3	4	5	9
B. Amount of responsibility	1	2	3	4	5	9
C. Advancement potential	1	2	3	4	5	9
D. Salary	1	2	3	4	5	9
E. Job in general	1	2	3	4	5	9

---

27. We would like to contact your employer to obtain some information needed for the State Department of Education report on career program completers. Please indicate the name and address of your employer in the space provided.

Name of company_____

Address_____

_____(Zip)_____

Person familiar with your work_____

28. Are you currently enrolled in any classes or participating in any training?

_____1. Yes (Where?)_____
_____2. No

29. Do you plan to enroll in any classes or training within the next year?

_____1. Yes (Where?)_____
_____2. Unsure
_____3. No

30. What is your <u>current</u> <u>primary</u> educational objective? (Check only one)

_____1. Transfer to another college or university
_____2. Prepare for graduate school
_____3. Prepare to enter the job market
_____4. Improve skills for your present job
_____5. Explore courses to decide on a new career
_____6. Remedy or review basic skills
_____7. Study topics of interest or for self-improvement
_____8. Prepare to change careers
_____9. No plans for more education
_____10. Other (please specify)

31. What grades have you earned in all of your college work thus far?

_____1. Mostly A's
_____2. Mostly A's and B's
_____3. Mostly B's
_____4. Mostly B's and C's
_____5. Mostly C's
_____6. Mostly C's and D's
_____7. Mostly D's
_____8. Mostly F's

---

32. Based on your own personal experiences, please indicate your level of satisfaction with each of the following aspects of JCCC by circling the number most closely reflecting your opinion based on the following scale. If you have also attended a 4-year college or university, also indicate your level of satisfaction with each of these aspects of the 4-year school you attended. Skip those items which are not applicable to you.

1 = Very dissatisfied
2 = Somewhat dissatisfied
3 = Neutral
4 = Somewhat satisfied
5 = Very satisfied

		AT JCCC					AT 4-YEAR SCHOOL*				
A.	Academic advisement/counseling	1	2	3	4	5	1	2	3	4	5
B.	Availability of scholarships and financial aid	1	2	3	4	5	1	2	3	4	5
C.	Registration process	1	2	3	4	5	1	2	3	4	5
D.	Convenience of class scheduling	1	2	3	4	5	1	2	3	4	5
E.	Variety of courses	1	2	3	4	5	1	2	3	4	5
F.	Helpfulness/individual attention of faculty	1	2	3	4	5	1	2	3	4	5
G.	Content of courses	1	2	3	4	5	1	2	3	4	5
H.	Quality of instruction	1	2	3	4	5	1	2	3	4	5
I.	Usefulness or relevance of training to your current job	1	2	3	4	5	1	2	3	4	5
J.	Career/transfer preparation	1	2	3	4	5	1	2	3	4	5
K.	Job placement services	1	2	3	4	5	1	2	3	4	5
L.	Facilities and equipment	1	2	3	4	5	1	2	3	4	5

* What 4-year school did you attend? _____

33. What would you say were the primary strengths and/or weaknesses of the career program you completed? (Attach additional pages if necessary)

34. If you could name one faculty or staff member who had the greatest impact on you at JCCC, who would it be?

_____

Why did you select this person?

35. What is your race?

_____1. American Indian/Alaskan
_____2. Hispanic
_____3. Asian/Pacific Islander
_____4. Black
_____5. White/Other

36. What is your marital status?

_____1. Single/never married
_____2. Married now
_____3. Previously married (separated, divorced or widowed)

37. What is your sex? _____1. Male _____2. Female

38. What is your age? _____

39. Which of the following best describes your annual family income?

_____1. Under $20,000
_____2. $20,000 to $40,000
_____3. $40,001 to $60,000
_____4. $60,001 to $80,000
_____5. $80,001 to $100,000
_____6. Over $100,000

Any comments or suggestions you would like to make about JCCC or the career program you completed which would help us in meeting the needs of future JCCC students would be appreciated. Thank you for your help. (Attached additional pages if necessary)

JCCC RESPIRATORY THERAPY PROGRAM COMPLETERS ONLY--Please respond to each of the following questions pertaining to your career in respiratory therapy and return this page with your completed First Year Follow-up Survey of Career Program Completers. Thank you!

A. Which of the following titles best describes your current position? (Check only one)

_____1. Technical director or assistant technical director
_____2. Lead or shift supervisor
_____3. Pulmonary function practitioner
_____4. Instructor/educator
_____5. Staff technician/therapist
_____6. Rehab/home care coordinator or practitioner
_____7. DME and/or medical sales
_____8. Other (please specify)

B. Have you taken the NBRC entry-level examination?

_____1. Yes

If yes, how many attempts have you made at the entry-level examination?

_____1. One
_____2. Two
_____3. Three
_____4. Four or more

Did you pass or fail?

_____1. Passed
_____2. Failed

_____2. No

If no, when do you plan to take the NBRC examination?

_____1. March
_____2. July
_____3. November
_____4. Undecided
_____5. Never

Briefly explain why you haven't taken the NBRC examination yet:

C. Which of the following respiratory therapy-related continuing education activities have you participated in since graduating? (Check all that apply)

_____1. Departmental inservice
_____2. Nationally sponsored seminars and meetings
_____3. State society sponsored seminars and meetings
_____4. Locally sponsored seminars and meetings
_____5. American Lung Association activities
_____6. Independent study
_____7. None
_____8. Other (please specify)

D. To which professional organizations do you belong? (Check all that apply)

_____1. American Association for Respiratory Care (AARC)
_____2. Kansas Respiratory Care Society (KRCS)
_____3. Missouri Society for Respiratory Care (MSRC)
_____4. None
_____5. Other (please specify)

APPENDIX B

JCCC

Johnson County Community College
12345 College at Quivira
Overland Park, Kansas 66210-1299
(913) 469-8500

January 22, 1990

Dear JCCC Career Program Completer:

As part of Johnson County Community College's continuing commitment to improving its programs and services, we are surveying former students who completed a JCCC career program during the past year. This includes graduates, students earning certificates, and students who have simply taken a few classes to acquire new skills or upgrade their current ones. We are required by federal and state law to conduct this follow-up study, but in addition we are most interested in your evaluation of the education you received here at JCCC and how you are using the skills you developed in your career program.

Our attempts to reach you by telephone have been unsuccessful. Consequently we are enclosing a survey and would very much appreciate your taking a few minutes to answer each of the questions as completely and accurately as possible. Please return the completed survey to us by February 3. A postage-paid business reply envelope is enclosed for your convenience in returning the completed survey to us. Naturally all responses will be kept strictly confidential and reported as group data only.

If you prefer a telephone interview, please call us at 469-8500, ext. 3443. Thank you for your help in evaluating the career program in which you participated and for any comments or suggestions you may have which will assist us in meeting the needs of future JCCC students.

Sincerely,

Dan Radakovich

Dan Radakovich
Vice President of Academic Affairs

Enclosures

JCCC

Johnson County Community College
12345 College at Quivira
Overland Park, Kansas 66210-1299
(913) 469-8500

February 5, 1990

A few weeks ago we sent you a survey requesting information about your perceptions and opinions of the education you received here at JCCC and how you are using the skills you developed in your career program. If you have already completed the survey, thank you very much. Your responses will help us in planning to meet the needs of future JCCC students like yourself.

In the event you have not as yet completed the survey and returned it to us, we are enclosing a second copy. Please take a few minutes to answer each of the questions and return the survey to us in the envelope provided. Naturally your responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have.

Sincerely,

Jeffrey A. Seybert

Jeffrey A. Seybert, Director
Research, Evaluation and Institutional Development

Enclosures

APPENDIX C

JOHNSON COUNTY COMMUNITY COLLEGE
EMPLOYER EVALUATION OF
CAREER PROGRAM COMPLETERS

JCCC is required by state law to conduct a follow-up study of all JCCC career program completers, and a part of this follow-up study involves collecting data from employers of these former students. Please ask a supervisor familiar with the work of the person listed below to complete and return this survey in the envelope provided as soon as possible. All responses will be kept strictly confidential. Thank you.

Employee_____

Social Security No._____

JCCC Career Program_____

Directions: Please answer each of the following questions as completely and honestly as possible, bearing in mind that you are evaluating this employee's training and preparation as reflected in job performance, work habits, and other work-related characteristics.

1. How would you rate this employee in each of the following areas? (Circle the response most closely reflecting your opinion)

	Very Good	Good	Neutral	Poor	Very Poor
A. Job-related conceptual knowledge	5	4	3	2	1
B. Job-related technical knowledge	5	4	3	2	1
C. Attitude toward work (professionalism)	5	4	3	2	1
D. Quality of work	5	4	3	2	1
E. Communications and interpersonal skills	5	4	3	2	1
F. OVERALL JOB PREPARATION	5	4	3	2	1

2. What is this employee's current hourly wage?_____

3. In what areas do you feel employees from this JCCC career program are best prepared?

4. In which areas do you feel additional preparation would be helpful?

5. Do you have any specific suggestions for improvements in the curriculum or instruction of the JCCC career program that trained your employee?

6. Do you anticipate hiring additional or replacement employees in areas related to this career program in the next 3 to 5 years?

_____1. No
_____2. Yes (If yes, please list the number and types of positions which may become available in this career field)

Job Type and Title	Annual Openings	Anticipated Salary
_____	_____	_____
_____	_____	_____
_____	_____	_____

7. Company name: _____

8. Your job title: _____

9. Total number of employees: _____

10. Total employees within this division/department: _____

Thank you for your cooperation. Please return the completed survey in the envelope provided. Questions or comments about this study may be directed to:

Office of Institutional Research
Johnson County Community College
12345 College at Quivira
Overland Park, KS 66210-1299
(913) 469-8500, ext. 3443

APPENDIX D

JCCC

Johnson County Community College
12345 College at Quivira
Overland Park, Kansas 66210-1299
(913) 469-8500

February 12, 1990

Dear Employer:

A couple of weeks ago we wrote asking you to evaluate a former JCCC student who is now working for you. Our records indicate we have not yet received your completed survey.

In addition to being most interested in your evaluation of the student who is now your employee, we look forward to hearing your views of the JCCC training program your employee completed. Any suggestions you have to help us improve our programs and services to better meet the needs of future employers of JCCC career program completers are always most welcome.

If you have already mailed your completed survey, just ignore this reminder. However, in the event the form was misplaced, we are enclosing a second copy together with another preaddressed stamped evelope for your convenience in returning the completed survey to us. We would appreciate receiving it by February 23 if at all possible to provide sufficient time to submit the required state report on JCCC career program completers. Thank you for your help.

Sincerely,

Jeffrey A. Seybert, Director
Research, Evaluation and Instructional Development

Enclosures

JCCC

Johnson County Community College
12345 College at Quivira
Overland Park, Kansas 66210-1299
(913) 469-8500

January 29, 1990

Dear Employer:

Each year we are required by state law to conduct follow-up studies to evaluate the effectiveness of the career programs at Johnson County Community College. In our opinion, one of the most important evaluations comes from the employers who hire these former students.

The individual whose name appears on the enclosed survey is a former student of a career program at JCCC who indicated he/she is now working for you. We would very much appreciate your taking a few minutes to give us your opinions, suggestions, and comments about the preparation this employee received based on your experience with him/her. Please return the completed survey to us in the enclosed postage-paid business reply envelope by February 9. Naturally all responses will be kept strictly confidential and reported as group data only.

If you have any questions or comments about this study, please give us a call at 469-8500, ext. 3441. Thank you for your cooperation.

Sincerely,

Jeffrey A. Seybert, Director
Research, Evaluation and Instructional Development

Enclosures

ERIC Clearinghouse for
Junior Colleges

FEB 22 1991